



GLOBE Ties to Satellite Missions

AIM

- Aerosols
- Clouds and Contrails
- Column Water Vapor
- Carbon Dioxide (to be developed)

AVHRR

(Instrument on various NASA/NOAA satellites)

- Phenology
- Surface Temperature
- Soil Characterization
- Snow
- Clouds and Contrails

CALIPSO

- Aerosols

CERES

- Clouds and Contrails

CloudSat

- Clouds and Contrails

ENVISAT

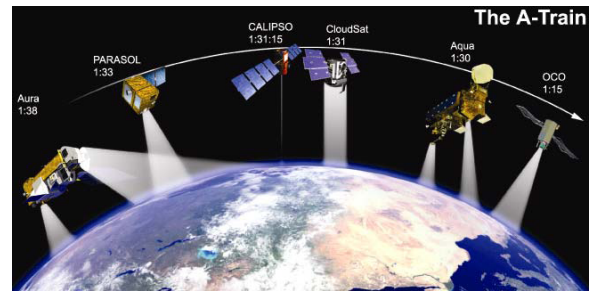
- Aerosols

EOS-Aura

- Surface Ozone
- UVA (to be developed)

EOS- Terra and Aqua

- Land Cover
- Surface Temperature
- Soil Characterization
- Snow
- Clouds and Contrails
- Aerosols
- Column Water Vapor



A group of satellites known as the *Afternoon Constellation*, or the *A-Train*. By flying in close proximity, satellites in the A-Train combine to provide detailed observations of the Earth system. GLOBE measurements will contribute to the validation of these missions.

GOES

- Aerosols
- Clouds and Contrails
- Surface Temperature

Landsat

- Clouds and Contrails
- Snow
- Land Cover
- Soil Characterization
- Surface Temperature

OCO

- Carbon Dioxide (to be developed)

SPOT

- Land Cover
- Soil Characterization

TOMS

(Instrument on various NASA/NOAA satellites)

- Surface Ozone